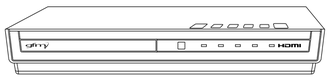
User Manual

SVP7966H

Progressive Scan DVD Player with HD Output



SAFETY PRECAUTIONS

FCC Information

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Shielded cables must be used with this unit to ensure compliance with the Class FCC limits.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

CAUTION
INVISIBLE LASER RADIATION WHEN OPEN.
AVOID EXPOSURE TO BEAM

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

This product contains a low power laser device.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE.

TO AVOID ELECTRICAL SHOCK, DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

On Placement

- Do not use the unit in places which are extremely hot, cold, dusty, or humid.
- Do not restrict the air flow of the unit by placing it in a place with poor air flow, by covering it with a cloth, or by placing it on carpeting.

On Safety

- When you are not going to use the unit for a long period of time, disconnect the ACadapter.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.

On Condensation

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit. When there is condensation inside the unit, the unit may not function normally. Let the unit stand for 1 to 2 hours before turning the power on, or gradually heat the room and allow the unit to dry before use.

Warnings:

- The AC adapter is used as disconnect device and it should remain readily operable during intended used. In order to disconnect the apparatus from the mains completely, the AC adapter should be disconnected from the mains socket outlet completely.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
- Minimum 10 cm (4 inches) distances around the apparatus for sufficient ventilations.
- No naked flame sources such as lighted candles should be placed on the apparatus.

Notes on Copyright

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, or rent copyrighted material without permission.

Apparatus Claims of U.S. Patent Nos. 6,836,549; 6,381,747; 7,050,698; 6,516,132; and 5,583,936 licensed for limited viewing uses only.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

DISC FORMATS

The unit can play:

DVDs [8cm/12cm disc]

Audio CDs [8cm/12cm disc]

CD-R CD-RW Compatible

Region Management Information

Region Management Information: This unit is designed and manufactured to respond to the Region Management Information that is encoded on DVDs. If the region number printed on the DVD does not correspond to the region number of this unit, this unit cannot play that disc.

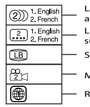
The region number of this unit is 1.

Disc Function or Operation that is Not Available

When the "⊘" symbol appears on the screen, it indicates that the function or operation attempted is not available at that time. This occurs because the DVD manufacturer determines the specific functions. Certain functions may not be available on some discs. Be sure to read the documentation provided with the DVD.

Icons Used on DVDs

Sample Icons



Note:
- When playing a CD-G (Graphics) or CD EXTRA disc, the audio portion will be played, but the graphic images will not be shown.

Titles, Chapters and Tracks

- DVDs are divided into **"titles"** and **"chapters"**. If the disc has more than one movie on it, each movie would be a separate "title". **"Chapters"** are sections of titles.
- Audio CDs are divided into **"tracks"**. A **"track"** is usually one song on an Audio CD.

Note : Numbers identify each title, chapter, and track on a disc. Most discs have these numbers recorded on them, but some do not.

Notes on Unauthorized Discs
You may not be able to play back some DVDs on this unit if they were purchased from outside your geographic area or made for business purposes.

REMOTE CONTROL

Using the Remote Control

- Point the remote control at the REMOTE SENSOR located on the unit.
- When there is a strong ambient light source, the performance of the infrared REMOTE SENSOR may be degraded, causing unreliable operation.
- The recommended effective distance for remote operation is about 16 feet (5 meters).

To Install Batteries

1. Open the battery door.

2. Insert two AAA batteries.

Battery Replacement

When the batteries become weak, the operating distance of the remote control is greatly reduced and you will need to replace them.

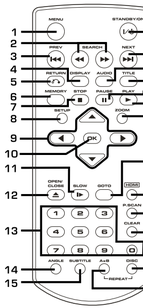
CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Notes:
- If the remote control is not going to be used for a long time, remove the batteries to avoid corrosion damage caused by battery leakage.
- Do not mix old and new batteries. Do not mix ALKALINE, standard (CARBON-ZINC) or rechargeable (NICKEL-CADMIUM) batteries.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Always remove batteries as soon as they become weak.
- Weak batteries can leak and severely damage the remote control.
- WARNING: Do not dispose of batteries in a fire. Batteries may explode or leak.

CAUTION: When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be strictly followed.

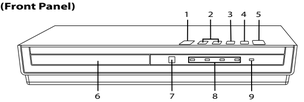
CONTROL REFERENCE GUIDE

Remote Control



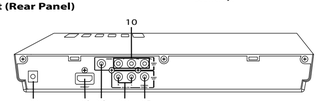
1) **MENU Button**
Press to open and close DVD's menu.
2) **◀◀ / ▶▶ Buttons**
◀◀ : Fast reverse playback.
▶▶ : Fast forward playback.
3) **⏮ PREV Button**
Press to move backwards through titles, chapters or tracks on a disc.
4) **DISPLAY Button**
Press to change disc status information displayed on the TV screen.
5) **RETURN Button**
Press to return to the normal operation after using the SETUP menu.
6) **MEMORY Button**
Press to create programs.
7) **■ STOP Button**
Press to stop playback.
8) **SETUP Button**
Press to open and close the SETUP menu screen.
9) **CURSOR (▲, ▼, ◀, ▶) Buttons**
Press to highlight selections on a menu screen and adjust certain settings.
10) **OK Button**
Press to confirm selections on a menu screen.
11) **▶ SLOW Button**
Press to perform slow forward playback of DVDs.
12) **⏏ OPEN/CLOSE Button**
Press to open or close the disc tray.
13) **Number (0-9) Buttons**
14) **ANGLE Button**
Press to switch the camera angle of the video presentation when scenes with multiple camera angles are recorded on a DVD.
15) **SUBTITLE Button**
Press to select one of the subtitle languages programmed on a DVD.
16) **I/⏻ STANDBY/ON Button**
Press to turn on the unit and put it in standby mode.
17) **NEXT ⏭ Button**
Press to move forward through titles, chapters or tracks on a disc.
18) **AUDIO Button**
Press to select one of the audio sound tracks programmed on a DVD or to select the audio output mode on an AUDIO CD.
19) **TITLE Button**
Press to open the Title Menu screen in STOP mode.
20) **❚❚ PAUSE Button**
Press to pause playback, frame advance.
21) **▶ PLAY Button**
Press to start playback.
22) **ZOOM Button**
Zoom in an image.
23) **GOTO Button**
Press to skip directly to a specific location on a DVD.
24) **HDMI Button**
Press to change video output signals.
25) **P.SCAN button**
Press to select Video Output to P-Scan.
26) **CLEAR button**
Clear input selections and cancel certain playback functions.
27) **REPEAT-DISC Button**
Press to repeat chapter or title of a DVD. Press to repeat single track or whole CD.
28) **REPEAT A - B Button**
Press to perform point-to-point repeat playback on a DVD or CD.

Unit (Front Panel)



1) **⏏ OPEN/CLOSE Button**
Opens/closes the disc tray.
2) **⏮/⏭ Button**
Press to move backward/forward through titles, chapters or tracks on a disc.
3) **■ STOP Button**
Stops playing a disc.
4) **▶ PLAY Button**
Starts or resumes playback of a disc.
5) **⏻ STANDBY/ON Button**
Turns on the unit and puts it in standby mode.
6) **Disc Tray**
Opens or closes the tray by pressing the OPEN/CLOSE button.
7) **Remote Sensor**
Receives the remote control unit signals.
8) **Video Output Format Indicators**
Press the HDMI button on the remote control to select output signal: 480p, 720p , 1080i or 1080p.
9) **POWER Indicator**
Indicates whether the unit is ON or OFF.
Indicator On:The unit is turned on.
Indicator Off: The unit is on standby.

Unit (Rear Panel)



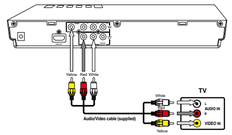
10) **COMPONENT VIDEO OUT Jacks (Y, Pʙ & Pʀ)**
11) **DC IN 9V Jack**
12) **HDMI OUT Jack**
13) **VIDEO OUT Jack**
14) **Left/Right AUDIO OUT Jacks**
15) **DIGITAL AUDIO OUT Jack**

SETUP

Connecting to a TV

The unit can be connected to your TV in several different ways, depending on the design of your TV.

RCA AUDIO/VIDEO JACKS
Use the Audio/Video cable (supplied). Connect the VIDEO OUT and left/right AUDIO OUT jacks on the unit to the VIDEO IN and left/right AUDIO IN jacks on your TV.



or

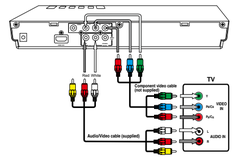
COMPONENT VIDEO OUTPUT (DVD)
Some TVs or monitors are equipped with component video inputs.
Using an audio/video cable, connect the left/right AUDIO OUT jacks on your unit to the left/right AUDIO IN jacks on your TV. Using a component video cable (not supplied), connect the Y VIDEO OUT jack (green plug) on your unit to the Y VIDEO IN jack on your TV, the Pʙ VIDEO OUT jack (blue plug) on your unit to the Pʙ VIDEO IN jack on your TV and the Pʀ VIDEO OUT jack (red plug) on your unit to the Pʀ VIDEO IN jack on your TV to view the highest quality picture playback.

PROGRESSIVE OUTPUTS (DVD)
Some TVs or monitors are equipped with Component Video inputs that are capable of reproducing a progressively scanned video signal.

Press the SETUP button and select Video Out to P-Scan (see page 10).

Connect the component video cable to TV, press the P.scan button on the remote control when DVD is stopped. "P-SCAN" is displayed. You can select output signal for better picture quality.

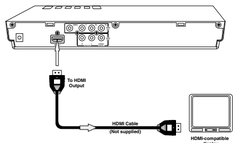
Attention: Make sure your TV can support a progressive scan component video signal.



Notes :
- Connect the unit directly to your TV. If you connect the DVD video player to a VCR, TV/VCR combination or video selector, the playback picture will be distorted because DVDs are copy protected.
- When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- Refer to the instruction manual of the connected equipment as well.

CONNECTING TO A DISPLAY (USING THE HDMI CABLE-NOT INCLUDED)
Using the HDMI cable (not supplied), connect the HDMI OUT jack on your unit to the HDMI IN jack on your TV or HDMI-compatible display.
- Set an output signal from the HDMI terminal of the DVD player in accordance with your TV'S input signal.
- Press the HDMI button on the remote control to change output signals as below. See the HDMI indicator on the front panel and select the appropriate output signal.
  480p (progressive)
  720p (progressive)
  1080i (interlace)
  1080p (progressive)

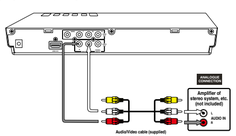
Press the SETUP button and select Digital Output to PCM (see page 10).



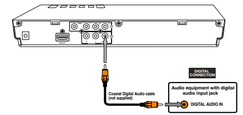
Notes:
- Refer to the owner's manual to the connected TV as well.
- When using HDMI cable, do not connect to other analog video outputs.
- When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a HDMI cable.
- When using HDMI cable, do not connect to other analog video outputs.
- No sound will be output from the HDMI cable if the Digital Out is not set to PCM.

Connecting to Optional Equipment (Amplifier)

ANALOG CONNECTION
Using an audio/video cable (supplied), connect the left/right AUDIO OUT jack on your unit to the AUDIO IN jack on your other source.



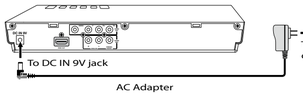
DIGITAL CONNECTION
Using a coaxial digital audio cable (not supplied), connect the DIGITAL AUDIO OUT jack on your unit to the DIGITAL AUDIO IN jack on your other source.


DIGITAL AUDIO OUT
Coaxial Digital Audio cable (not supplied)
Audio equipment with digital audio input jack
DIGITAL AUDIO IN

Notes:
- When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- If the external equipment is a television and this audio system is close to it, you may experience interference if the tuner function is selected while the television is working.
- Refer to the instruction manual of the connected equipment as well.

Using the AC Adapter

The supplied AC adapter operates on AC 120V~60Hz.
- Ensure all the components are connected correctly.
- Be sure the AC adapter is unplugged and all functions are off before making connections.
- When you are not going to use the unit for a long period of time, unplug the AC adapter.



Turning on the Unit and TV

1. Press the ⏻ STANDBY/ON button to turn the unit on and the POWER indicator lights up.
2. Turn on the TV by pressing its POWER button.
3. Select the channel on your TV corresponding to the VIDEO IN jack that the unit is connected to. See TV User Guide for more information.
- If you have connected the unit successfully, the DVD logo (start-up picture) will appear on your TV screen.

SOUND SYSTEM

Dolby Digital
Dolby Digital is a technology developed by Dolby Laboratories. Soundtracks encoded in Dolby Digital can reproduce from one to 5.1 discrete channels of excellent quality audio.

The unit automatically recognizes the Dolby Digital bitstream and provides a downmix suitable for two-channel listening. An additional Dolby Digital decoder is required for reproduction of the discrete multi-channel soundtracks available on many DVDs.

Manufactured under license from Dolby Laboratories.
'Dolby' and the double-D symbol are trademarks of Dolby Laboratories.

DOLBY DIGITAL

PLAYING A DISC

This owner's manual explains the basic instructions of this unit. Some DVDs are produced in a manner that allows specific or limited operation during playback. Such as, the unit may not respond to all operating commands. This is not a defect in the unit. Refer to the instruction notes of discs.
" ⊘ " may appear on the screen during operation. A " ⊘ " means that the desired operation is not permitted by the unit or disc.

Playing a Disc

1. Press the ⏻ STANDBY/ON button turn on the unit.
   See **CUSTOMIZING THE FUNCTION SETTINGS** before proceeding to step 2.
2. Press the ⏏ OPEN/CLOSE button. The disc tray opens.
3. Place a disc onto the disc tray with the label side up.
4. Press the ⏏ OPEN/CLOSE button. The disc tray closes.
   It takes a short while for your unit to load the disc. After loading, the unit will automatically bring you to the main menu of the DVD or start playback of the disc.
5. If the unit does not automatically start playing the DVD, press the ▶ PLAY button.

Note: If the disc tray is holding a disc you have already played, playback will begin from the location where you last stopped. For resuming playback.

Pausing Playback (Still Mode)

Press the ❚❚ PAUSE button on the remote. To resume normal playback, press the ▶ PLAY button. Each time you press the ❚❚ PAUSE button, the picture advances one frame.

Stopping Playback

Press the ■ STOP button at the location where you want to interrupt playback. To resume playback at the position where the disc was stopped, press the ▶ PLAY button. If you press the ■ STOP button twice, the unit's memory will be cleared and pressing the ▶ PLAY button will reset the disc to the beginning.

Skipping to a Different Chapter/Track

- Press the ⏮ button repeatedly to skip to the start of the current or previous chapter or track.
- Press the ⏭ button to skip to the next chapter or track.
- For an audio CD, use the number buttons (remote control only) to go directly to that track number.

Fast Forward/Fast Reverse

1. Press the ◀◀ / ▶▶ button on the remote control when a disc is playing.
   - The disc begins fast scan at x2 speed.
   - Four speeds are available. Each time the ◀◀ / ▶▶ button is pressed, the speed of fast scan changes in the following sequence:
     ▶▶X2 ⟶ ▶▶X4 ⟶ ▶▶X8 ⟶ ▶▶X16 ⟶ ◀◀X2 ⟶ ◀◀X4 ⟶ ◀◀X8 ⟶ ◀◀X16
2. Press the ▶ PLAY button when you have reached the desired point to resume playback at normal speed.

Notes:
- The DVD player mutes sound during reverse and forward scan of the disc.
- The fast playback speed may differ depending on the disc.

Slow-motion Play (DVD)

1. Press the ▮▶ SLOW button on the remote in play mode.
2. Four speeds are available. Each time the ▮▶ SLOW button is pressed, the speed of slow-motion playback changes in the following sequence:
   ▮▶1/2 ⟶ ▮▶1/4 ⟶ ▮▶1/6 ⟶ ▮▶1/8
3. Press the ▶ PLAY button to return to normal playback speed.

Angle Selection (DVD)

Some DVDs contain scenes which have been shot from a number of different angles. For these discs, the same scene can be viewed from each of these different angles.

1. While you are playing a DVD with different angles recorded, press the ANGLE button to view the number of current angles available.
2. Press the ANGLE button repeatedly to change the scene to the next angle in those recorded.

Sequence of angle shots (Example)

- About two seconds later, playback continues from the new angle selected.
- If no button is pressed within 10 seconds, playback continues without changing the current angle.

Notes:
- This function can only be used for discs on which scenes shot from multiple angles have been recorded.
- If only one angle is recorded, " 1/1 " is displayed.

Subtitle Selection (DVD)

1. While a DVD is playing, press the SUBTITLE button to display the current language setting, as shown in the example below.
2. Press the SUBTITLE button repeatedly to select the desired subtitle language.

Notes:
- If only one language is recorded, the language does not change.
- About two seconds later, playback continues with the new subtitle selected.
- The number of languages recorded differs depending on the disc.
- If no button is pressed within a few seconds, playback continues without changing the current subtitle.
- This function can only be used for discs on which subtitles have been recorded in multiple languages.
- On some DVDs, subtitles are activated from the main menu of the DVD. Press the MENU button to activate the main menu.

Audio Selection (DVD) (CD)

On some discs, the sound is recorded in two or more formats. Follow the directions below to select the type of playback.

1. While a disc is playing, press the AUDIO button to show the current audio format number.
2. Press the AUDIO button repeatedly to select the desired audio format.

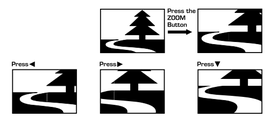
1/3 6 Ch Eng

Notes:
- If only one audio format is recorded, the number does not change.
- Some DVDs allow you to change audio selections via the disc menu only. If this is the case, press the MENU button and choose the appropriate language on the disc menu.

Zooming into an Image

While a disc is playing, press the ZOOM button to enlarge the image in 3 levels (🔍1 🔍2 and 🔍3).

- While an image is zoomed, you can use the ▲, ▼, ◀ and ▶ button to shift the view and display the part you want.
- To return to normal view, press the ZOOM button until the "🔍 Off" symbol shows. The screen will return to normal.



- When you reach the edge of the image, the display will not shift anymore in that direction.

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Display Function (DVD)

While the disc is playing, press the DISPLAY button on the remote control repeatedly to display information on operation status.

Time Counter: The elapsed time / remaining time of the total time.
Title: The number of the title currently playing and total titles on disc.
Chapter: The number of the chapter currently playing and total chapters on disc.
Audio: The type of the audio currently selected is displayed.
Subtitle: The subtitle number and language currently selected is displayed.
Angle: The current angle is displayed. When a disc with only one angle is played back, "1/1" is displayed.
Bit Rate (Mbit/s): Amount of picture, sound and subtitle data in the DVD video disc transferred per second. The larger the value is, the more data processed but this does not necessarily insure better picture quality.

SPECIAL FUNCTION

Locating a Specific Title/Chapter/Time (DVD)

If a DVD contains title/chapter/time numbers, you can locate a specific title/chapter/time by directly selecting a title/chapter/time number.

1. Press the GOTO button until the Search menu appears.
2. Press the ▲ or ▼ button to select the option (Title, Chapter or Time) then press the corresponding number button(s) for the Title/Chapter/Time you want.

3. Press the OK button to confirm. The unit will start playback about 3 seconds later.

Locating a Specific Track (CD)

If a CD contains track numbers, you can locate a specific track by directly selecting track number.

1. Press the GOTO button until the Search menu appears.
2. Press the ▲ or ▼ button to select the option (Track, Time or Disc Time) then press the corresponding number button(s) for the Track/Time/Disc time you want.

3. Press the OK button to confirm. The unit will start playback about 3 seconds later.

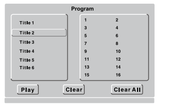
Notes:
- If the time numbers you entered is not permited by the DVD, after you press the OK button, it will restore to "- - : - - : - -". You should re-enter correct numbers.
- Some discs may not respond to this process.
- Some scenes may not be located as precisely as you specified.
- This method for accessing specific locations is available only within the current title of the DVD.

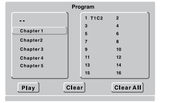
DVD PROGRAMMABLE MEMORY

DVD Programmed Playback

You can combine your favorite titles/chapters and play them in the order you determine.

1. Press the MEMORY button on the remote control.
2. Use the ▲ or ▼ button to select the title you want, then press the OK button on the remote control to confirm.
3. Use the ▲ or ▼ button to select the chapter you want, then press the OK button on the remote control to confirm.
4. Use the ▲ button to move the cursor to the top of the chapter list and press the OK button to return to Title window. Then repeat steps 2 to 3 to add additional titles and chapters.
5. Press the ▶ PLAY button to start the programmed playback.





To Change the Programmed Selections
1) Press the MEMORY button.
2) Press the ▶ button to select "Clear", then press the OK button to clear them one by one.
3) Follow above steps 1-4 to program the new title and chapter.

To Resume Normal Playback from Programmed Playback
1) Press the MEMORY button.
2) Press the ▶ button to select "Clear All", then press the OK button. All the programs will be cleared.
3) Press the ▶ PLAY button to resume playback.

Notes:
- Some discs may not permit memory playback operation.
- To exit the Program menu, press the MEMORY button.
- The programmed selections will be cleared when you open the disc tray or turn off the DVD player.

REPEAT FUNCTION

You can play a specific title or chapter repeatedly.
(Title repeat, chapter repeat, A-B repeat)

Repeating a Chapter (DVD)

You can play the same chapter repeatedly.
1. While the disc is playing, press the REPEAT DISC button until the "Repeat Chapter" indicator displays on the screen. The current chapter is played repeatedly.

Repeating a Title

You can play the same title repeatedly.
2. While the disc is playing, press the REPEAT DISC button until the "Repeat Title" indicator displays on the screen. The current title is played repeatedly.

To Resume Normal Playback

3. While the disc is playing, press the REPEAT DISC button until the "Repeat Off" indicator displays on the screen.

You can play a single track or whole disc repeatedly.

Repeating a Single Track (CD)

You can play the same track repeatedly.
1. While the disc is playing, press the REPEAT DISC button on the remote control until the "Repeat Single" indicator displays on the screen. The current track is played repeatedly.

Repeating a Whole Disc

2. While the disc is playing, press the REPEAT DISC button on the remote control until the "Repeat All" indicator displays on the screen. The whole disc is played repeatedly.

To Resume Normal Playback

3. Press the REPEAT DISC button until the "Repeat Off" indicator displays on the screen.

You can play a single track or the entire CD repeatedly through the Toolkit which appears on the right in the window.

While the disc is playing, use the ▶ and ▼ button to select "Repeat", then press the OK button to select Single/All/Off.
Single: Repeat the current track.
All: Repeat the entire CD.
Off: Resume normal playback

Repeating a Specific Section (DVD) (CD)

You can play a specific section repeatedly.
1. While the disc is playing, press the REPEAT A-B button at the beginning of the section ("Rep A-" is displayed) you want to play repeatedly.
2. Press the REPEAT A-B button again at the end of the section ("Rep A-B" is displayed).
3. The unit will immediately begin replaying your selection.

To Resume Normal Playback

4. While the disc is playing, press the REPEAT A-B button until the "Rep Off" indicator displays on the screen.

Notes:
- A-B repeat can only be used within the same title. If the start and end of the section to be repeated are in different titles, A-B repeat is cancelled.
- The A-B repeat function does not operate in scenes where different camera angles are recorded.

PLAY MODES FOR CD OR JPEG DISC

When playing CD/JPEG discs, you can modify the Play Modes through the Toolkit which appears on the right side of the window. Press the ◀ or ▶ button on the remote control to navigate between the left/right windows and the ▲ or ▼ button on the remote control to select files/tracks or play mode items. Then press the OK button.

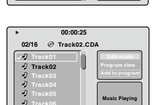
CD Track/JPEG File Programmed Playback

1. Use the ▶ and ▼ buttons to select "Edit mode" then press the OK button.
2. Use the cursor buttons (◀, ▶, ▲, ▼) to select tracks/files shown on the left side of the window. Then press the OK button. "✓" will appear in front of the selected tracks/files.
3. Use the ▶ and ▼ buttons to select "Add to program", press the OK button. "✓" will disappear from the screen. It means that the tracks/files you selected have been added into the "Program view".
4. Use the ▲ or ▼ button to select "Program view" and press the OK button to view programmed files.
5. Press the ▶ PLAY button to start the program playback.

Note: When programming the JPEG files, it should be in STOP mode.

Clear the Programmed Tracks/Files
- Press the ■ STOP button twice to stop playback.

1. Use the ▶ and ▼ buttons to select "Edit mode" then press the OK button.
2. Use the ▲ or ▼ button to select "Program view" then press the OK button. The programmed tracks/files appear on the left side of the window.
3. Use the cursor buttons (◀, ▶, ▲, ▼) to select the programmed tracks/files, then press the OK button. "✓" will appear in front of the selected tracks/files.
4. Use the ▶ and ▼ buttons to select "Clear Program" then press the OK button.



5. To resume normal playback, use the ▲ or ▼ button to select "Browser view" and press the OK button, then press the ▶ PLAY button.

Note: It is disabled if the "Edit mode" item is not selected.

The Toolkit has the following play mode items:
- **Repeat (Off/Single/All):**
  Off: Resumes normal playback.
  Single: Repeats the current track/file.
  All: Repeats all files on the current folder or all tracks on the disc.
- **Mode (Normal/Shuffle/Music Intro):**
  Normal: Resumes normal playback.
  Shuffle: Playbacks track/file in random order.
  Music Intro: Only playback the first 10 seconds of all tracks on the disc.
- **Edit mode:** Memory operation works only when "Edit mode" is selected.
- **Program view:** To view tracks/files in the "Program view" list. It is disabled when the "Program view" list is empty.
- **Add to program:** Add files/tracks to the "Program view" list. It is disabled if the "Edit mode" item is not selected.
- **Browser view:** To view files/tracks in the original view list.
- **Clear program:** Delete the files/tracks in the "Program view" list.

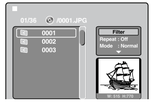
Note: The memory will be deleted if disc tray is opened.

VIEWING JPEG FILES

This unit can play JPEG files recorded on a CD-R/RW discs.

Viewing JPEG Files

1. Open the disc tray.
2. Place a disc onto the disc tray with the label side up.
3. Close the disc tray. A list of folders/files will appear on the screen.
4. Press the ▲ or ▼ button to select your desired file, the selected picture will appear in the lower right corner.
5. Press the ▶ PLAY button to start playback. Press the ■ STOP button to display a folder list.



Notes:
- You can press the ⏸ PAUSE button to freeze the picture, and press the ▶ PLAY button to resume slide show.
- You can press the ■ STOP button to quit playback.
- You can use the number buttons on the remote control to jump immediately to the desired picture.
- You can press the ANGLE buttonon the remote control to rotate direction of the picture by 90°.
- Some discs may not permit this operation.

CUSTOMIZING THE FUNCTION SETTINGS

LANGUAGE

Language
1. Press the SETUP button.
2. Press the ▶ button to select OSD Language.
3. Press the ▶ button. Use the ▲ or ▼ button to make adjustments, then press the OK button.
   The screen will change to your selected language immediately.
4. Press the RETURN button to exit menu.

Subtitle
1. Press the SETUP button.
2. Press the ▶ button. Use the ▲ or ▼ button to select Subtitle.
3. Press the ▶ button. Use the ▲ or ▼ button to make adjustments, then press the OK button.
4. Press the RETURN button to exit menu.

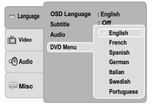
Notes:
- Some DVDs may be set to display subtitles in a different language other than the ones you selected.
  A prior subtitle language may be programmed on the disc.
- Some DVDs allow you to change subtitle selections via the disc menu only. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.

Audio
1. Press the SETUP button.
2. Press the ▶ button. Use the ▲ or ▼ button to select Audio.
3. Press the ▶ button. Use the ▲ or ▼ button to make adjustments, then press the OK button.
4. Press the RETURN button to exit menu.

Note: Some DVDs may not play in the selected language. A prior language may be programmed on the disc.

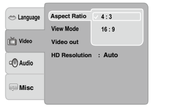
DVD Menu
1. Press the SETUP button.
2. Press the ▶ button. Use the ▲ or ▼ button to select DVD Menu.
3. Press the ▶ button. Use the ▲ or ▼ button to make adjustments, then press the OK button.
4. Press the RETURN button to exit menu.

Note: Some DVDs may not include your pre-selected language. In this case, the DVD player automatically displays disc menus consistent with the disc's initial language setting.



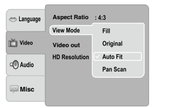
VIDEO

Aspect Ratio
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Video.
3. Press the ▶ button. Use the ▲ or ▼ button to select Aspect Ratio.
4. Press the ▶ button. Use the ▲ or ▼ button to make adjustments, then press the OK button.
5. Press the RETURN button to exit menu.



Notes:
- The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs may not conform to the picture size you select.
- When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the Aspect Ratio setting.
- Select 16:9 to conform the LCD screen on the unit. Always be sure that your Aspect Ratio conforms to the actual TV in use if you connect the unit to a TV.

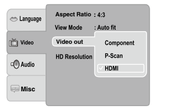
View Mode
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Video.
3. Press the ▶ button. Use the ▲ or ▼ button to select View Mode.
4. Press the ▶ button. Use the ▲ or ▼ button to select the option (Fill, Original, Auto Fit or Pan Scan), then press the OK button.
5. Press the RETURN button to exit menu.



Fill: Fill the screen with decoded image.
Original: Display image as it's original size.
Auto Fit: Automatically fit the decoded image on screen without distortion. Black bars will be present on top/bottom or left/right of screen.
Pan Scan: Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Sides of the picture are cut off.

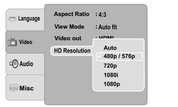
Note:
Depending on the DVDs, you may not be able to view the mode as selected.

Video Out
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Video.
3. Press the ▶ button. Use the ▲ or ▼ button to select Video out.
4. Press the ▶ button. Use the ▲ or ▼ button to select the option (Component, P-Scan or HDMI), then press the OK button.
5. Press the RETURN button to exit menu.



Component: Corresponding to your TV which has a component video input.
P-Scan: Select if you connect the DVD to your TV which has a component video that supports progressive scan.
If there is a distorted picture on the TV, wait 15 seconds for automatic recover.
HDMI: High Definition Multimedea Interface. Select if you connect the DVD to TV via HDMI input.

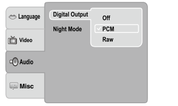
HD Resolution
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Video.
3. Press the ▶ button. Use the ▲ or ▼ button to select HD Resolution.
4. Press the ▶ button. Use the ▲ or ▼ button to select the option (Auto, 480p/576p, 720p, 1080i or 1080p), then press the OK button.
5. Press the RETURN button to exit menu.



Note:
- If the Video Out is not set to HDMI, you cannot select the HD Resolution.

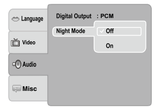
AUDIO

Digital Output
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Audio.
3. Press the ▶ button. Use the ▲ or ▼ button to select Digital Output.
4. Press the ▶ button. Use the ▲ or ▼ button to select the options (Off, PCM or Raw), then press the OK button.
5. Press the RETURN button to exit menu.



PCM: Select when connected to a 2 channel digital stereo amplifier.
The DVD video player outputs sound in the PCM 2 channel format when you play a DVD recorded on the Dolby Digital, MPEG1 or MPEG2 recording system.
Raw: Disc audio raw data will be output.
Off: To disable Digital Output.

Night Mode
Night mode is equivalent to Dynamic Range Compress. When it is On, it reduces the variations between loud and soft sounds in audio output. You can still hear softer sounds and dialogue even in very low volume.
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Audio.
3. Press the ▶ button. Use the ▲ or ▼ button to select Night Mode.
4. Press the ▶ button. Use the ▲ or ▼ button to select the options, then press the OK button.
5. Press the RETURN button to exit menu.



Note: Night mode is Dynamic Range Control (DRC) option for analogue audio output.

MISC

Use Default Settings
1. Press the SETUP button.
2. Press the ▲ or ▼ button to select Misc.
3. Use the ▶ button to select Use Default Settings, then press the OK button.
4. Use the ◀ or ▶ button to select "YES", then press the OK button. The original setting will be restored. The unit will exit setting menu automatically and reload the disc in the disc tray.

Note: It will take 3-5 seconds to reset the DVD player to the factory default.

TROUBLE SHOOTING GUIDE

SYMPTOM	CAUSE (AND REMEDY)
No power.	• Ensure the AC adaptor is connected.
No picture or abnormal color	• The region number of the disc doesn't match the region number of this unit. • The TV is not set to receive DVD signal output. • The video/HDMI cable is not connected securely. • The TV is not turned on. • Clean the disc.
No sound is heard.	• The system is in Pause mode or in Slow-motion Play mode. Press the ▶ PLAY button to return to normal play mode. • Fast forward or fast reverse is performed. Press the ▶ PLAY button to return to normal play mode. • Make sure the AUDIO output is correct. • Make sure the audio cable is connected securely.
Severe hum or noise is heard.	• Ensure the equipment is connected securely. • Ensure the connecting cords are away from a transformer or motor, and at least 10 feet (3 meters) away from a TV set or fluorescent light. • Move your TV away from the audio equipment. • The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.
The remote does not function.	• Remove any obstacles between the remote and the unit. • Use the remote near the unit. • Point the remote at the remote sensor on the unit. • Replace the batteries in the remote.
The disc does not play.	• There is no disc inside ("No Disc" appears on the TV screen). • Insert the disc correctly with the playback side facing down on the disc tray. • A non-VALID disc has been inserted. The unit and disc region number are incompatible. • Condensation may have formed inside the unit due to a sudden change in temperature. Wait approximately an hour for it to clear and try again.
The DVD door cannot open.	• Reset the unit, press the STANDBY/ON button to turn off the unit, wait for a few seconds, then restart the unit.

MAINTENANCE

Cleaning the Disc

A defective or soiled disc inserted into the unit can cause sound to drop out during playback. Handle the disc by holding its inner and outer edges.
- Do NOT touch the surface of the unlabeled side of the disc.
- Do NOT stick paper or tape on the surface.
- Do NOT expose the disc to direct sunlight or excessive heat.
- Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.
- NEVER use solvents such as benzine or alcohol to clean the disc.
- Do NOT use irregular shaped discs (example: heart shaped, octagonal, etc.). They may cause malfunctions.

Cleaning the Unit

- Be sure to turn the unit off and disconnect the AC adapter before cleaning the unit.
- Wipe the unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly. Then wipe with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. Do NOT use compressed air to remove dust.

Important Note

Before transporting the unit, remove the disc from the disc tray.

Specifications and external are subject to change without notice.

LIMITED WARRANTY

GFM Guarantee

If you are not totally satisfied with this GFM product, you may return it to any Meijer store for a full refund within 6 months (180 days) of purchase when accompanied by a receipt.

For customer support please call (866) 845-9436 or go to www.gfmproducts.com

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